

Checklist of the Argentine Agaricales 7. Cortinariaceae and Entolomataceae

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ABSTRACT: A checklist of species belonging to the families Cortinariaceae and Entolomataceae was made for Argentina. The list includes all species published until the year 2012. Nineteen genera and 444 species were recorded, 370 species from the family Cortinariaceae and 74 from Entolomataceae. All of them are distributed in 19 genera, the most important being *Cortinarius* (240 species), *Galerina* (51), *Entoloma* (39) and *Inocybe* (40). With the exception of *Hebeloma* (13 species), *Gymnopilus* (12) and *Clitopilus* (11), the rest of the 13 genera have less than 10 species each. *Galeropsis*, *Locellina*, *Nolanea* and *Pseudogymnopilus* have only one species recorded so far.

INTRODUCTION

Argentina is located in southern South America, between 21° and 55° S and 53° and 73° W, covering 3.7 million of km². Due to the large size of the country, Argentina has a vast variety of climates; from humid tropical forests (such as the Yungas and Paranaense forests), xerophytic forests (Chaco, Espinal), grasslands (Pampa), deserts (Puna, Patagonian steppe, Monte), to cold and humid habitats (Patagonian Andean forest) (Burkart *et al.* 1999, Brown *et al.* 2006, Niveiro and Albertó 2012a). Cabrera (1994) divides Argentina into 11 phytogeographic provinces, which belong to 4 Domains and 2 Regions. An extended list of vegetation types presented in each phytogeographic province can also be consulted in Cabrera's book (*op. cit.*).

In previous papers, partial checklists of the Argentinean Agaricales were presented for the families Amanitaceae, Pluteaceae, and Hygrophoraceae (Niveiro and Albertó 2012a); Coprinaceae and Strophariaceae (Niveiro and Albertó 2012b); Bolbitaceae and Crepidotaceae (Niveiro and Albertó 2012c); Tricholomataceae (Niveiro and Albertó 2012d); Agaricaceae (Niveiro and Albertó 2013a); and Paxillaceae, Gomphidiaceae, Boletaceae, and Russulaceae (Niveiro and Albertó 2013b). The list of species for Cortinariaceae and Entolomataceae of Argentina is presented in this work. The Cortinariaceae was studied by Moser and Horak (1975), Horak (1980), Moser (2001), Singer and Digilio (1952), Singer (1954, 1969), and Spegazzini (1988). The Entolomataceae was mainly studied by Singer and Digilio (1952), Singer (1969),

and Horak (1976, 1978, 1980, 1982, 1983). The purpose of this study is to establish a baseline of knowledge about the diversity of species described for the families Cortinariaceae and Entolomataceae in Argentina, as a base for future studies of mushroom diversity.

MATERIALS AND METHODS

Nomenclature and classification systems

This checklist was based on all publications recorded for Argentina until 2012. Nomenclature and classification systems followed Singer (1986) for families, and Kirk *et al.* (2008) and Index Fungorum (2013) for genera and species. There have been important rearrangements in the Cortinariaceae since Singer (1986). These taxonomic changes are summarized in Table 1. List of synonyms of species was drastically reduced and only the basionym and the names recorded for Argentina of each species were included. Index Fungorum was consulted for current names of species and synonyms.

For journal abbreviations, the Botanico Periodico Huntianum (2013) web site was used. For authors's abbreviations, the International Plant Names Index (IPNI) (2012) and Authors of Fungal Names (2013) were used. References cited for each species were ordered firstly by author in alphabetical order and secondly by year of publication.

We found genera that are currently not considered valid (Kirk *et al.* 2008), and whose species were transferred to another genus (for example *Astrosporina*, at present

TABLE 1. Position of the Cortinariaceae genera treated in this paper according to different classification systems (Cort.: Cortinariaceae, Hym.: Hymenogastraceae, Inocyb.: Inocybaceae, Stroph.: Strophariaceae, n/d: no data).

	Singer (1986)	Matheny <i>et al.</i> (2006)	Kirk <i>et al.</i> (2008)	Mycobank (2013)
<i>Cortinarius</i>	Cort.	Cort. S. str.	Cort.	Cort.
<i>Flammulaster</i>	n/d	Tubariae	Inocyb.	Inocyb.
<i>Galerina</i>	Cort.	Hym.	Stroph.	Stroph.
<i>Gymnopilus</i>	Cort.	Gymnopileae	Stroph.	Stroph.
<i>Hebeloma</i>	Cort.	Hym.	Stroph.	Stroph.
<i>Inocybe</i>	Cort.	Inocyb.	Inocyb.	Inocyb.

Inocybe). However, not all the species of those genera have been transferred to the current genus. As type materials were not studied, we cited them as they were originally published. The valid genus according to Kirk *et al.* (2008) is given between brackets followed by the symbol =; for example: *Astrosporina* J. Schröt. [= *Inocybe* (Fr.) Fr.].

Sometimes Spegazzini used symbols or letters when he referred to subspecific taxonomic ranks (for example: *Agaricus* (*Hebeloma*) *crustuliniformis* Fr. **austro-americanus* Speg.). In those cases we used the same nomenclature that Spegazzini originally published, although according to art. 37.4 of ICNB (Mcneill *et al.* 2012) it is considered to be a variety.

Remarks were only added in those taxa where we found a conflict, such as: species not validly published (NVP), the holotype is missing (MH), doubtful name, synonyms, unpublished transfer of a species to a different genus, or when the distribution of the species was not completely clear.

Books were cited by the year in which they were published, and not the year printed in the publication. This is the case, for example, of “Pródromo de la flora Agaricina” which was cited as Singer and Digilio (1952). In this case, two years are provided for species citation in the “literature cited” section, the real year of publication between parentheses and the year printed in the book between brackets.

Distribution

Species distribution was cited according to the Province where it was collected using abbreviations (Table 2). A map with the political division of Argentina and the abbreviations for each state can be found in Niveiro and Albertó (2012a).

It should be taken into account that although many species were recorded in the Provinces of the Argentine Patagonia (Neuquén, Rio Negro, Chubut, Santa Cruz, Tierra del Fuego), most of them were found in the Patagonian Andes Forest, which is located in a narrow strip to the west of the southern Provinces.

RESULTS

A checklist based on an exhaustive bibliographic revision of species belonging to the families *Cortinariaceae*

and *Entolomataceae* from Argentina was done. From Spegazzini (1880) until 2012, 444 species been recorded so far in Argentina for the two families. All of them are distributed in 21 genera, the most important being *Cortinarius* (235 species), *Galerina* (51), *Entoloma* (39) and *Inocybe* (40). With the exception of *Hebeloma* (13 species), *Gymnopilus* (12) and *Clitopilus* (11) the rest of the 13 genera, have less than 10 species each. *Galeropsis*, *Locellina*, *Nolanea* and *Pseudogymnopilus* have only one species each, recorded so far.

CORTINARIACEAE R. Heim ex Pouzar

Astrosporina J. Schröt. [= Inocybe (Fr.) Fr.]

Astrosporina gibbosula E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 370, 1980 [1979].

Dist: TF
Ref: Horak (1980), Raithelhuber (1988, 1991, 2004).

Astrosporina staurospora E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 376, 1980 [1979].

Dist: TF
Ref: Horak (1980), Raithelhuber (1988, 1991, 2004).

Cortinarius (Pers.) Gray

Cortinarius absinthiacus M.M. Moser, *Beih. Nova Hedwigia* **52**: 239, 1975.

Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius acerbus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 114, 1975.

Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975), Raithelhuber (1977).

Cortinarius aganochrous E. Horak, *Beih. Nova Hedwigia* **52**: 177, 1975.

Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius aiacapiiae Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(2): 152, 1888.

Dist: TF
Ref: Farr (1973), Horak (1967), Spegazzini (1888).

Cortinarius albobrunneus M.M. Moser, *Beih. Nova Hedwigia* **52**: 71, 1975.

Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius albocinctus M.M. Moser, *Beih. Nova Hedwigia* **52**: 377, 1975.

Dist: RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius albo-ochraceus M.M. Moser, *Beih. Nova Hedwigia* **52**: 87, 1975.

Dist: RN
Ref: Moser and Horak (1975).

TABLE 2. Abbreviations used for Provinces of Argentina.

Province	Abbrev.	Province	Abbrev.
Antártida	ANT	Mendoza	MZA
Buenos Aires	BA	Neuquén	N
Catamarca	CAT	Rio Negro	RN
Córdoba	CBA	Salta	S
Chaco	CH	Santa Cruz	SC
Chubut	CHU	Santiago del Estero	SE
Corrientes	CTES	Santa Fe	SF
Entre Ríos	ER	San Juan	SJ
Formosa	FSA	San Luis	SL
Islas Malvinas	IM	Tucumán	T
Jujuy	J	Tierra del Fuego	TF
La Pampa	LP	No data	ND
La Rioja	LR	Patagonian Andes forest	AP
Misiones	MNES		



Cortinarius alboviolaceus (Pers.) Fr., *Epicr. syst. mycol.* (Upsaliae): 280, 1838.
Bas: *Agaricus alboviolaceus* Pers., 1801.
Dist: TF
Ref: Horak (1967), Spegazzini (1888).

Cortinarius amoenus (M.M. Moser & E. Horak) G. Garnier, *Bibliographie des Cortinaires, A-C* (France): 26, 1991.
Bas: *Dermocybe amoena* M.M. Moser & E. Horak, 1975.
Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius antarcticus Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(2): 155, 1888.
Dist: TF
Ref: Farr (1973), Horak (1967), Spegazzini (1888).

Cortinarius anuliferus M.M. Moser, *Beih. Nova Hedwigia* **52**: 266, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius argenteohygrophanus M.M. Moser, *Beih. Nova Hedwigia* **52**: 75, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius argillohygrophanicus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 83, 1975.
Dist: RN, TF
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius atroacutus E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 354, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius atropurpureus (E. Horak) Kuhn.-Fink. & Peintner, *Mycotaxon* **87**: 115, 2003.
Bas: *Dermocybe atropurpureus* E. Horak, 1975.
Dist: TF
Ref: Horak (1980).

Cortinarius aurantiovillosus M.M. Moser, *Beih. Nova Hedwigia* **52**: 202, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius austroacutus M.M. Moser, *Beih. Nova Hedwigia* **52**: 287, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius austroclaricolor M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 131, 1975.
Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975), Raithelhuber (1977).

Cortinarius austroduracinus M.M. Moser, *Beih. Nova Hedwigia* **52**: 400, 1975.
= *Cortinarius chusqueae* M.M. Moser & E. Horak, 1975.

Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius austrolimonius M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 454, 1975.
Dist: RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius austrosalor M.M. Moser, *Beih. Nova Hedwigia* **52**: 248, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius austroserarius M.M. Moser, *Beih. Nova Hedwigia* **52**: 78, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius austroturmalis M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 151, 1975.
Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius avellaneus M.M. Moser, *Beih. Nova Hedwigia* **52**: 298, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius bovinoides M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 414, 1975.
Dist: N, TF
Ref: Moser and Horak (1975), Horak (1980).

Cortinarius brunneo-olivascens M.M. Moser, *Beih. Nova Hedwigia* **52**: 268, 1975.
Dist: RN
Ref: Moser and Horak (1975).

Cortinarius brunneovelatus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 431, 1975.
Dist: N, RN
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius brunneovirescens M.M. Moser, *Beih. Nova Hedwigia* **52**: 328, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius bulbosomustellinus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 64, 1975.
= *Cortinarius chrysophaeus* E. Horak, 1975.
Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975), Raithelhuber (1977).

Cortinarius caelicolor M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 252, 1975.
Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius capitellinus E. Horak, *Beih. Nova Hedwigia* **52**: 260, 1975.

Dist: TF
Ref: Moser & Horak (1975), Horak (1980).

Cortinarius carneoalbus M.M. Moser, *Beih. Nova Hedwigia* **52**: 420, 1975.
Dist: N, RN
Ref: Moser & Horak 1975:420.

Cortinarius carneocrassus M.M. Moser, *Beih. Nova Hedwigia* **52**: 421, 1975.
Dist: N, RN
Ref: Moser & Horak (1975).

Cortinarius carneolus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 419, 1975.
Dist: N, RN
Ref: Moser & Horak (1975).

Cortinarius catervatus M.M. Moser, *Beih. Nova Hedwigia* **52**: 306, 1975.
Distr: N, RN
Ref: Moser & Horak (1975).

Cortinarius cervinus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 148, 1975.
Dist: RN
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius chlorophanus M.M. Moser, *Beih. Nova Hedwigia* **52**: 197, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius choloides E. Horak, *Beih. Nova Hedwigia* **52**: 62, 1975.
Dist: RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius chrysophthalmus (M.M. Moser) Kuhn.-Fink. & Peintner, *Mycotaxon* **87**: 115, 2003.
Bas: *Dermocybe chrysophthalma* M.M. Moser, 1975.
Dist: N, TF
Ref: Moser & Horak (1975).

Cortinarius cinereobrunneus M.M. Moser, *Beih. Nova Hedwigia* **52**: 280, 1975.
Distr: N, RN, TF
Ref: Moser and Horak (1975).

Cortinarius cinereus M.M. Moser, *Beih. Nova Hedwigia* **52**: 412, 1975.
Distr: N, RN
Ref: Moser and Horak (1975).

Cortinarius cinnamomeus (L.) Fr., *Epicr. syst. mycol.* (Upsaliae): 288, 1838.
Bas: *Agaricus cinnamomeus* L., 1753.
Dist: TF
Ref: Spegazzini (1899a).

Cortinarius cinnamophyllus M.M. Moser, *Nova Hedwigia*, *Beih.* **52**: 461, 1975.

Dist: N
Ref: Moser and Horak (1975).

Cortinarius coartatus E. Horak, *Beih. Nova Hedwigia* **52**: 176, 1975.
= *Cortinarius rancidus* M.M. Moser, *Beih. Nova Hedwigia* **52**: 178, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius coleopus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 191, 1975.
Dist: N, TF
Ref: Gamundí and Horak (2002), Horak (1980), Moser and Horak (1975).

Cortinarius columbinus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 250, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius concolor E. Horak, *Beih. Nova Hedwigia* **52**: 425, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius corynecystis (M.M. Moser) Kuhn.-Fink. & Peintner, *Mycotaxon* **87**: 115, 2003.
Bas: *Dermocybe corynecystis* M.M. Moser, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius cosmoxanthus M.M. Moser, *Beih. Nova Hedwigia* **52**: 196, 1975
Dist: N
Ref: Moser and Horak (1975).

Cortinarius crassoides M.M. Moser, *Beih. Nova Hedwigia* **52**: 125, 1975
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius cretaceus (E. Horak) E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 464, 1980 [1979].
Bas: *Thaxterogaster cretaceus* E. Horak, 1965.
Dist: TF
Ref: Horak (1980).

Cortinarius crystallophorus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 96, 1975.
Dist: TF, AP
Ref: Gamundí and Horak (2002), Horak (1980), Moser and Horak (1975).

Cortinarius cucullatus M.M. Moser, *Nova Hedwigia*, *Beih.* **52**: 292, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius cucumis E. Horak, *Beih. Nova Hedwigia* **52**: 80, 1975.
Dist: N

Ref: Moser and Horak (1975).

Cortinarius cylindrospermus M.M. Moser, *Beih. Nova Hedwigia* **52**: 401, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius cystidiorapaceus M.M. Moser, *Beih. Nova Hedwigia* **52**: 94, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius dactylichrous M.M. Moser, *Beih. Nova Hedwigia* **52**: 113, 1975.
Dist: RN
Ref: Moser and Horak (1975).

Cortinarius darwinii Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(1): 17, 1887.
Dist: N, TF

Cortinarius dichrous M.M. Moser, *Beih. Nova Hedwigia* **52**: 396, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius diemii M.M. Moser, *Beih. Nova Hedwigia* **52**: 472, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius difficilis Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(2): 156, 1888.
Dist: TF
Ref: Farr (1973), Horak (1967), Spegazzini (1888).

Cortinarius discophaeus M.M. Moser, *Beih. Nova Hedwigia* **52**: 104, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius dissimulans M.M. Moser, *Beih. Nova Hedwigia* **52**: 231, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius effundens M.M. Moser, E. Horak & Singer, *Beih. Nova Hedwigia* **52**: 144, 1975.
Dist: RN
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius egenus E. Horak, *Beih. Nova Hedwigia* **52**: 342, 1975.
= *Cortinarius laetifolius* E. Horak, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius elaphinus M.M. Moser, *Beih. Nova Hedwigia* **52**: 383, 1975.
= *Cortinarius nothodamascenus* M.M. Moser, 1975.
Dist: RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius epileucus M.M. Moser, *Beih. Nova Hedwigia* **52**: 221, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius erebius M.M. Moser, *Beih. Nova Hedwigia* **52**: 300, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius exaltatus E. Horak, *Beih. Nova Hedwigia* **52**: 107, 1975.
Dist: RN
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius exilis E. Horak, *Beih. Nova Hedwigia* **52**: 355, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius flammuloides E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 185, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius flavoferrugineus M.M. Moser, *Beih. Nova Hedwigia* **52**: 427, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius flavofucatus (E. Horak & M.M. Moser) G. Garnier, *Bibliographie des Cortinaires*, D-O (France): 67, 1991.
Bas: *Dermocybe flavofucata* E. Horak & M.M. Moser, 1975.
Dist: N, RN
Ref: Moser & Horak (1975).

Cortinarius fluorescens E. Horak, *Beih. Nova Hedwigia* **52**: 449, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius formosus M.M. Moser, *Beih. Nova Hedwigia* **52**: 467, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius fuligineoviolaceus E. Horak, *Beih. Nova Hedwigia* **52**: 233, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius fulvoconicus M.M. Moser, *Beih. Nova Hedwigia* **52**: 297, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius furnaceus M.M. Moser, *Beih. Nova Hedwigia* **52**: 112, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius fuscus M.M. Moser, in Moser & Horak, *Beih. Nova Hedwigia* **52**: 349, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius gamundiae (E. Horak) E. Horak, Peintner, M.M. Moser & Vilgalys, *Mycotaxon* **83**: 449, 2002.
Bas: *Rozites gamundiae* E. Horak, 1979.
Dist: TF
Ref: Horak (1980), Raithelhuber (1988).

Cortinarius gaudiosus E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 478, 1980 [1979].
Dist: TF
Ref: Horak (1980).

Cortinarius gayi E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 396, 1980 [1979].
Dist: TF
Ref: Horak (1980).

Cortinarius gliocyclus E. Horak, *Beih. Nova Hedwigia* **52**: 275, 1975.
Dist: TF
Ref: Moser and Horak (1975).

Cortinarius hebes E. Horak, *Beih. Nova Hedwigia* **52**: 343, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius helodes M.M. Moser, Matheny & Daniele, *Journal des JEC, Journées Européenes du Cortinaire* **4**(3): 56, 2001.
Dist: CAT
Ref: Becerra *et al.* (2005b), Moser (2001).

Cortinarius heterochroma M.M. Moser, in Moser & Horak, *Beih. Nova Hedwigia* **52**: 487, 1975.
= *Dermocybe heterochroma* M.M. Moser ex Kuhn.-Fink. & Peintner, 2003.
Dist: N, RN
Ref: Moser & Horak (1975).

Cortinarius holojanthinus Peintner & M.M. Moser, *Mycotaxon* **81**: 180, 2002.
Dist: N, RN, CHU
Ref: Horak (1980), Gamundí & Horak (2002).

Cortinarius humilis M.M. Moser, *Beih. Nova Hedwigia* **52**: 332, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius hydrocephalus M.M. Moser, in Moser & Horak, *Beih. Nova Hedwigia* **52**: 282, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius hygrophoroides Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(2): 158, 1888.
Dist: TF

Ref: Farr (1973), Horak (1967, 1980), Spegazzini (1888).

Cortinarius iaganicus (Speg.) E. Horak, *Beih. Nova Hedwigia* **52**: 336, 1975.
Bas: *Agaricus iaganicus* Speg., 1887.
= *Hydrocybe iaganica* (Speg.) E. Horak, 1967.
= *Tricholoma iaganicum* (Speg.) Sacc. 1891.
Dist: TF
Ref: Spegazzini (1887), Moser & Horak (1975).

Cortinarius icterinus (E. Horak) G. Moreno & E. Valenz., *Bol. Micol.* **12**(1-2): 116, 1997.
Bas: *Dermocybe icterina* E. Horak, 1975.
Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius illitus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 237, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius imbecillis M.M. Moser, *Beih. Nova Hedwigia* **52**: 166, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius inflatipes M.M. Moser, *Beih. Nova Hedwigia* **52**: 69, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius inocybiphyllus M.M. Moser, *Beih. Nova Hedwigia* **52**: 368, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius interlectus E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 480, 1980 [1979].
Dist: TF
Ref: Horak (1980).

Cortinarius ionipus E. Horak, *Beih. Nova Hedwigia* **52**: 353, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius janthinophaeus E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 365, 1975.
Dist: RN
Ref: Moser and Horak (1975).

Cortinarius lazulinus E Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 364, 1975.
Dist: N, RN
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius leptocystis M.M. Moser, *Beih. Nova Hedwigia* **52**: 471, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius leucoloma M.M. Moser, *Beih. Nova Hedwigia*

52: 381, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius lignyotus E. Horak, *Beih. Nova Hedwigia* **52:** 348, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius limbatus M.M. Moser, *Beih. Nova Hedwigia* **52:** 436, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius limonioides M.M. Moser, *Beih. Nova Hedwigia* **52:** 463, 1975.
Dist: N, RN, TF
Ref: Moser and Horak (1975).

Cortinarius lividus M.M. Moser, *Beih. Nova Hedwigia* **52:** 363, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius longicaudus M.M. Moser, *Beih. Nova Hedwigia* **52:** 141, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius lugubris M.M. Moser, *Beih. Nova Hedwigia* **52:** 357, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius luteifolius M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52:** 318, 1975.
Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius luteocoeruleus M.M. Moser, *Beih. Nova Hedwigia* **52:** 179, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius luteolus M.M. Moser, *Beih. Nova Hedwigia* **52:** 322, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius luteomelleus M.M. Moser, *Beih. Nova Hedwigia* **52:** 66, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius luteostriatulus (M.M. Moser & E. Horak) E. Valenz. & G. Moreno, *Boln Soc. Micol. Madrid* **19:** 289, 1994.
Bas: *Dermocybe luteostriatula* M.M. Moser & E. Horak, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius macilentus M.M. Moser, *Beih. Nova Hedwigia*

52: 310, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius magellanicus Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(1): 15, 1887. Figure. 1.
Dist: N, RN
Ref: Farr (1973), Gamundí and Horak (2002), Horak (1967, 1980), Spegazzini (1887, 1888).

Cortinarius malvaceus E. Horak, *Beih. Nova Hedwigia* **52:** 241, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius melizeus E. Horak, *Beih. Nova Hedwigia* **52:** 111, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius melleomitis M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52:** 222, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius melleus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52:** 68, 1975.
Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975), Raithelhuber (1977).

Cortinarius mendicus M.M. Moser, *Beih. Nova Hedwigia* **52:** 325, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius micaceus M.M. Moser, *Beih. Nova Hedwigia* **52:** 214, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius mitis M.M. Moser, *Beih. Nova Hedwigia* **52:** 220, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius mustellinus E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52:** 150, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius myxacioides M.M. Moser, *Beih. Nova Hedwigia* **52:** 271, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius myxoclaricolor M.M. Moser, *Beih. Nova Hedwigia* **52:** 157, 1975.
Dist: RN
Ref: Moser and Horak (1975).

Cortinarius myxothece E. Horak, *Beih. Nova Hedwigia* **52:**

254, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius napivolvata E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 467, 1980 [1979].
Dist: TF
Ref: Horak (1980).

Cortinarius naucinus M.M. Moser, *Beih. Nova Hedwigia* **52**: 386, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius nitellinus M.M. Moser, *Beih. Nova Hedwigia* **52**: 379, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius nitens M.M. Moser, *Beih. Nova Hedwigia* **52**: 215, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius nothoanomalus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 209, 1975.
Dist: RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius nothocollinitus M.M. Moser, *Beih. Nova Hedwigia* **52**: 128, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius nothofagi (E. Horak) E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 452, 1980 [1979].
Bas: *Thaxterogaster nothofagi* E. Horak, 1965.
Dist: TF
Ref: Horak (1980).

Cortinarius nothovenetus (M.M. Moser) Kuhn.-Fink. & Peintner, *Mycotaxon* **87**: 115, 2003.
Bas: *Dermocybe nothoveneta* M.M. Moser, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius obesus E. Horak, *Beih. Nova Hedwigia* **52**: 416, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius obrusseus E. Horak, *Beih. Nova Hedwigia* **52**: 184, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius obscuroarmeniacus M.M. Moser, *Beih. Nova Hedwigia* **52**: 380, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius obscuro-oliveus (M.M. Moser) Kuhn.-Fink. &

Peintner, *Mycotaxon* **87**: 116, 2003.
Bas: *Dermocybe obscuro-olivea* M.M. Moser, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius obscurus M.M. Moser, *Beih. Nova Hedwigia* **52**: 360, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius obvius E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 393, 1980 [1979].
Dist: TF
Ref: Horak (1980).

Cortinarius occentus E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 423, 1980 [1979].
Dist: TF
Ref: Horak (1980).

Cortinarius ocellatus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 105, 1975.
Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius ochraceoazureus (E. Horak) Peintner & M.M. Moser, *Mycotaxon* **81**: 181, 2002.
Bas: *Thaxterogaster ochraceoazureum* E. Horak, 1965.
= *Rozites ochraceoazureus* (E. Horak) E. Horak, 1980.
Ref: Horak (1980), Gamundí & Horak (2002), Raithelhuber (1988).
Dist: N, RN, CHU, TF

Cortinarius ochraceocinctus M.M. Moser, *Beih. Nova Hedwigia* **52**: 123, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius ochraceocoeruleus M.M. Moser, *Beih. Nova Hedwigia* **52**: 180, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius ochrojanthinus E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 274, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius olivellostriatus M.M. Moser, *Beih. Nova Hedwigia* **52**: 444, 1975.
Dist: RN.
Ref: Moser and Horak (1975).

Cortinarius olivipes (M.M. Moser) Kuhn.-Fink. & Peintner, *Mycotaxon* **87**: 116, 2003.
Bas: *Dermocybe olivipes* M.M. Moser, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius ombrophilus M.M. Moser, *Beih. Nova Hedwigia* **52**: 283, 1975.
Dist: N, RN

Ref: Moser and Horak (1975).

Cortinarius opulentus M.M. Moser, *Beih. Nova Hedwigia* **52**: 256, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius pachythelis M.M. Moser, *Beih. Nova Hedwigia* **52**: 409, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius pachythrix E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 370, 1975.
Dist: T
Ref: Moser (2001), Moser and Horak (1975).

Cortinarius pallidolamellatus E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 74, 1975.
Dist: AP
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius paludicola M.M. Moser, *Beih. Nova Hedwigia* **52**: 327, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius panchrous E. Horak, *Beih. Nova Hedwigia* **52**: 174, 1975.
Dist: TF
Ref: Horak (1980).

Cortinarius parabibulus E. Horak, *Beih. Nova Hedwigia* **52**: 340, 1975. Figure 2.
Dist: T
Ref: Moser (2001), Moser and Horak (1975).

Cortinarius paraochraceus M.M. Moser, *Beih. Nova Hedwigia* **52**: 224, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius parazureus E. Horak, *Beih. Nova Hedwigia* **52**: 361, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius pellucidus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 269, 1975.
Dist: N, RN
Ref: Moser & Horak (1975).

Cortinarius perizonium E. Horak, *Beih. Nova Hedwigia* **52**: 137, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius permagnificus E. Horak, *Beih. Nova Hedwigia* **52**: 169, 1975.
Dist: AP
Ref: Gamundí and Horak (2002), Horak (1980), Moser and Horak (1975).

Cortinarius perochraceus M.M. Moser, *Beih. Nova Hedwigia* **52**: 423, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius perpallidus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 86, 1975.
Dist: RN, TF
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius phaeocephalus E. Horak, *Beih. Nova Hedwigia* **52**: 284, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius phellochrous E. Horak, *Beih. Nova Hedwigia* **52**: 404, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius pihur Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(2): 157, 1888 [1887].
Dist: TF
Ref: Farr (1973), Horak (1967), Spegazzini (1888).

Cortinarius psammopodioides E. Horak, *Beih. Nova Hedwigia* **52**: 102, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius pseudoclaricolor E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 132, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius pseudotriumphans M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 135, 1975.
Dist: RN, TF
Ref: Gamundí and Horak (2002), Horak (1980), Moser and Horak (1975), Raithelhuber (1977).

Cortinarius pugionipes M.M. Moser, *Beih. Nova Hedwigia* **52**: 146, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius purpurellus M.M. Moser, E. Horak, Peintner & Vilgalys, in Peintner, Horak, Moser & Vilgalys, *Mycotaxon* **83**: 450, 2002.
Dist: RN
Ref: Moser & Horak 1975:516.

Cortinarius purpureobrunneus M.M. Moser, *Beih. Nova Hedwigia* **52**: 395, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius pyromyxa M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 228, 1975.
Dist: RN
Ref: Moser and Horak (1975).

Cortinarius rapaceus var. **luridus** M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 92, 1975.
Dist: RN, TF
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius rhodophyllus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 161, 1975.
Dist: RN
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius roseocalceolatus E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 120, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius roseopurpurascens M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 406, 1975.
Dist: N, RN, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius rubrobasalis M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 442, 1975.
Dist: TF
Ref: Gamundí and Horak (2002), Horak (1980), Moser and Horak (1975).

Cortinarius rufobrunneus M.M. Moser, *Beih. Nova Hedwigia* **52**: 434, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius rufus M.M. Moser, *Beih. Nova Hedwigia* **52**: 335, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius russulariellus Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(2): 154, 1888 [1887].
Dist: N, TF
Ref: Farr (1973), Horak (1967, 1980), Spegazzini (1888).

Cortinarius saccharatus M.M. Moser, *Beih. Nova Hedwigia* **52**: 118, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius saccharatus var. **bulbosus** M.M. Moser, *Beih. Nova Hedwigia* **52**: 119, 1975.
Dist: RN
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius sagatus M.M. Moser, *Beih. Nova Hedwigia* **52**: 126, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius scabrosporus M.M. Moser, *Beih. Nova Hedwigia* **52**: 330, 1975.
= *Cortinarius xanthopus* M.M. Moser, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius scintillatus M.M. Moser, *Beih. Nova Hedwigia* **52**: 212, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius sciurodes M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 108, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius scolecinus M.M. Moser, *Beih. Nova Hedwigia* **52**: 304, 1975.
Dist: N, RN, TF
Ref: Moser and Horak (1975).

Cortinarius semiamictus E. Horak, *Beih. Nova Hedwigia* **52**: 272, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius semirubicundulus M.M. Moser, *Beih. Nova Hedwigia* **52**: 464, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius siccus M.M. Moser, *Beih. Nova Hedwigia* **52**: 435, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius simplex E. Horak, *Beih. Nova Hedwigia* **52**: 79, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius singeri E. Horak, *Beih. Nova Hedwigia* **52**: 393, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius spodoleucus M.M. Moser, *Beih. Nova Hedwigia* **52**: 85, 1975.
Dist: RN, TF
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius squamiger M.M. Moser, *Beih. Nova Hedwigia* **52**: 346, 1975.
Dist: TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius squamipes E. Horak, *Beih. Nova Hedwigia* **52**: 134, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius stephanopus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 164, 1975.
Dist: RN
Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius strictipes M.M. Moser, *Beih. Nova Hedwigia* **52**: 473, 1975.

Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius striolatus Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(2): 156, 1888 [1887].
Dist: TF
Ref: Farr (1973), Horak (1967), Spegazzini (1888).

Cortinarius subconicus M.M. Moser, *Beih. Nova Hedwigia* **52**: 290, 1975.
Dist: N
Ref: Moser and Horak (1975).

Cortinarius succineus M.M. Moser, *Beih. Nova Hedwigia* **52**: 226, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius sulphureomyceliatus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 99, 1975.
Dist: RN
Ref: Horak (1980), Moser and Horak (1975), Raithelhuber (1977).

Cortinarius surreptus E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 428, 1980 [1979].
Dist: TF
Ref: Horak (1980).

Cortinarius tarnensis Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(1): 16, 1887.
Dist: TF
Ref: Farr (1973), Horak (1967, 1980), Spegazzini (1887, 1888).

Cortinarius tenellus M.M. Moser, *Beih. Nova Hedwigia* **52**: 308, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius tenuis M.M. Moser, *Beih. Nova Hedwigia* **52**: 311, 1975.
Dist: RN
Ref: Moser and Horak (1975).

Cortinarius tephrophyllus M.M. Moser, *Beih. Nova Hedwigia* **52**: 302, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius teraturgus M.M. Moser, *Beih. Nova Hedwigia* **52**: 459, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius terebrinus E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 143, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius terebripes E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 426, 1980 [1979].

Dist: TF
Ref: Horak (1980).

Cortinarius thyoneus E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 436, 1980 [1979].
Dist: TF
Ref: Horak (1980).

Cortinarius togularis E. Horak, *Beih. Nova Hedwigia* **52**: 277, 1975.
Dist: TF
Ref: Moser and Horak (1975).

Cortinarius trachycystis M.M. Moser, *Beih. Nova Hedwigia* **52**: 469, 1975.
Dist: RN
Ref: Moser and Horak (1975).

Cortinarius trechisporus E. Horak, *Beih. Nova Hedwigia* **52**: 138, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius tricholomoides M.M. Moser, *Beih. Nova Hedwigia* **52**: 70, 1975.
Dist: N, TF
Ref: Horak (1980), Moser and Horak (1975).

Cortinarius tristis E. Horak, *Beih. Nova Hedwigia* **52**: 446, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius truncatoides M.M. Moser, *Beih. Nova Hedwigia* **52**: 122, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius tucumanensis M.M. Moser, *Beih. Nova Hedwigia* **52**: 339, 1975.
Dist: T
Ref: Becerra *et al.* (2005a), Moser (2001), Moser and Horak (1975).

Cortinarius tumidipes M.M. Moser, *Beih. Nova Hedwigia* **52**: 109, 1975.
Ref: Moser and Horak (1975).
Dist: N

Cortinarius tundrae Speg., *Bol. Acad. Nac. Ci. Republ. Argent.* **11**(2): 153, 1888.
Dist: TF
Ref: Farr (1973), Horak (1967), Spegazzini (1888).

Cortinarius turpis E. Horak, *Beih. Nova Hedwigia* **52**: 392, 1975.
Dist: N, RN
Ref: Moser and Horak (1975).

Cortinarius umbrinocarneus M.M. Moser, *Nova Hedwigia* **52**: 77, 1975.
Dist: N

Ref: Moser and Horak (1975).

Cortinarius umbrinus P. Kumm., *Führ. Pilzk.* (Zerbst): **88**, 1871.

Dist: N, RN

Ref: Moser and Horak (1975).

Cortinarius unguularis E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 65, 1975.

Dist: AP

Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius vaginatus E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 189, 1975.

Dist: N, TF

Ref: Horak (1980), Moser and Horak (1975).

Cortinarius variegatulus M.M. Moser, *Beih. Nova Hedwigia* **52**: 211, 1975.

Dist: N, RN

Ref: Moser and Horak (1975).

Cortinarius varius (Schaeff.) Fr., *Epicr. syst. mycol.* (Upsaliae): 258, 1838.

Bas: *Agaricus varius* Schaeff., 1774.

Dist: BA

Ref: Ramarodi (1985b).

Cortinarius vinaceomaculatus M.M. Moser, *Beih. Nova Hedwigia* **52**: 324, 1975.

Dist: N

Ref: Moser and Horak (1975).

Cortinarius violaceo-olivaceus M.M. Moser, *Beih. Nova Hedwigia* **52**: 358, 1975.

Dist: RN

Ref: Moser and Horak (1975).

Cortinarius violaceus (L.) Gray, *Nat. Arr. Brit. Pl.* (London) **1**: 217, 1821.

Bas: *Agaricus violaceus* L., 1753.

Dist: TF

Ref: Horak (1980).

Cortinarius violeipes M.M. Moser, *Beih. Nova Hedwigia* **52**: 210, 1975.

Dist: N

Ref: Moser and Horak (1975).

Cortinarius virgineus E. Horak & M.M. Moser, *Beih. Nova Hedwigia* **52**: 89, 1975.

Dist: RN, TF

Ref: Moser and Horak (1975), Raithelhuber (1977).

Cortinarius viridibasalis M.M. Moser, *Beih. Nova Hedwigia* **52**: 321, 1975.

Dist: N, RN

Ref: Moser and Horak (1975).

Cortinarius viridulifolius M.M. Moser, *Beih. Nova Hedwigia* **52**: 182, 1975.

Dist: N, RN

Ref: Moser and Horak (1975).

Cortinarius xanthochlorus Rob. Henry, *Bull. Trimestriel Soc. Mycol. France* **82**: 177, 1966.

Dist: RN, TF

Ref: Horak (1980).

Cortinarius xerompelinus E. Horak, *Beih. Nova Hedwigia* **52**: 410, 1975.

Dist: N, TF

Ref: Horak (1980), Moser and Horak (1975).

Cortinarius xiphidipus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 156, 1975.

Dist: N, TF

Ref: Gamundí and Horak (2002), Moser and Horak (1975).

Cortinarius xylochroma E. Horak, *Beih. Nova Hedwigia* **52**: 61, 1975.

Dist: TF

Ref: Horak (1980), Moser and Horak (1975).

Cortinarius xylocinnamomeus var. **fusco-ornatus** M.M. Moser, *Beih. Nova Hedwigia* **52**: 459, 1975.

Dist: TF

Ref: Horak (1980), Moser and Horak (1975).

Flammulaster Earle

Flammulaster disseminatus (E. Horak) E. Horak, *N.Z. Jl Bot.* **18**(2): 179, 1980.

Bas: *Simocybe disseminata* E. Horak, 1980 [1979].

Dist: TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004)

Flammulaster erinaceellus (Peck) Watling, *Notes Roy. Bot. Gard. Edinburgh* **28**: 65, 1967.

Bas: *Agaricus erinaceellus* Peck, 1878.

= *Phaeomarasmius erinaceellus* (Peck) Singer, 1952 [1951].

Dist: T

Ref: Raithelhuber (1988, 2004), Singer and Digilio (1952).

Flammulaster muricatus (Fr.) Watling, *Notes Roy. Bot. Gard. Edinburgh* **28**: 66 (1967).

Bas: *Agaricus muricatus* Fr., 1821.

= *Pholiota muricata* (Fr.) P. Kumm., 1871.

= *Phaeomarasmius muricatus* (Fr.) Singer, 1952 [1951].

Dist: T

Ref: Raithelhuber (1988, 1991, 2004), Singer and Digilio (1952), Spegazzini (1926b).

Flammulaster tigrensis Raithelh., *Metrodiana, Sonderh.* **2**: 17, 1983.

Dist: BA

Ref: Raithelhuber (1983, 1991, 2004).

Galera (Fr.) P. Kumm. (= **Galerina** Earle)

Galera argentina Speg., *Anales Mus. Nac. Buenos Aires* **6**: 136, 1899 [1898].

Dist: BA

Ref: Farr (1973), Singer (1950), Spegazzini (1899a).

Galera bryorum (Pers.) Fr., *Syll. fung.* **5**: 868, 1887.

Bas: *Agaricus hypnorum* var. *bryophilus* Pers., 1801.

Dist: MZA

Ref: Horak (1967).

Obs: Horak (1967) cited this species as “species dubiae”.

Galera hapala subsp. **hapala** (Fr.) Sacc., *Syll. fung.* **5**: 860, 1887.

Dist: CBA

Ref: Spegazzini (1926a).

Galera pseudotenera Speg., *Syll. fung.* **9**: 113, 1891.

= *Agaricus (Galera) pseudotenera* Speg., 1881.

Dist: TF

Ref: Farr (1973), Horak (1967), Singer (1950), Spegazzini (1888).

Galerina Earle

Galerina antarctica Singer, *Contr. Inst. Antarc. Argent.* **71**:13, 1963.

Dist: ANT

Ref: Singer (1969), Singer and Corte (1962).

Galerina atkinsoniana A.H. Sm., *Mycologia* **45**: 894, 1953.

Dist: RN

Ref: Singer (1969).

Galerina austroandina (Singer) Singer, *Beih. Nova Hedwigia* **29**: 317, 1969.

Bas: *Galerina cedretorum* var. *austroandina* Singer, 1964.

Dist: N, RN

Ref: Singer (1969).

Galerina austrocalyptrata A.H. Sm. & Singer, *Mon. Gal.*: 82, 1964.

Dist: N

Ref: Raithelhuber (1991, 2004), Singer (1969).

Galerina berteroana Singer, *Beih. Nova Hedwigia* **29**: 306, 1969.

Dist: RN

Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

Galerina bullulifera Singer, *Lilloa* **25**: 375, 1952 [1951].

Dist: T

Ref: Horak (1992), Raithelhuber (1988, 1991, 2004), Singer and Digilio (1952).

Galerina clavata (Velen.) Kühner, *Encycl. Mycol.* **7**: 222, 1935.

Bas: *Galera fragilis* var. *clavata* Velen., 1921.

Dist: S, T, BA

Ref: Raithelhuber (1974, 1988, 2004), Singer and Digilio (1952).

Galerina conspicua Singer, *Beih. Nova Hedwigia* **29**: 318, 1969.

Dist: RN

Ref: Raithelhuber (1988, 1991, 2004), Singer (1969).

Galerina fuegiana Singer, *Sydowia* **7**: 338, 1953.

Dist: N, RN, TF

Ref: Raithelhuber (1988, 1991, 2004), Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Galerina gamundiae Singer, *Mon. Gal.*: 294, 1964.

Dist: N, TF

Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1969).

Galerina glebarum (Berk.) Singer, *Beih. Nova Hedwigia* **29**: 309, 1969.

Bas: *Agaricus glebarum* Berk., 1847.

Dist: N, RN, IM

Ref: Singer (1954, 1969), Singer and Digilio (1952).

Galerina helvoliceps (Berk. & M.A. Curtis) Singer, *Lilloa* **22**: 572, 1949 [1951].

Bas: *Agaricus helvoliceps* Berk. & M.A. Curtis, 1868.

= *Pholiota pseudoblattaria* Speg., 1899 [1898].

Dist: T, BA

Ref: Farr (1973), Raithelhuber (1974, 1988, 1991, 2004), Singer (1950, 1951), Singer and Digilio (1952), Spegazzini (1899a).

Galerina heterocystis (G.F. Atk.) A.H. Sm. & Singer, *Sydowia* **11**: 447, 1958 [1957].

Bas: *Galerula heterocystis* G.F. Atk., 1918.

Dist: S, T, LR, BA

Ref: Horak (1992), Raithelhuber (1991, 2004), Singer (1969).

Galerina hypnorum (Schrank) Kühner, *Encycl. Mycol.* **7**: 194, 1935.

Bas: *Agaricus hypnorum* Schrank, 1789.

= *Galera hypnorum* (Schrank) P. Kumm., 1871.

Dist: CAT, N, RN, TF

Ref: Horak (1967, 1980), Raithelhuber (1988, 1991, 2004), Singer (1953b, 1954), Singer and Digilio (1952), Spegazzini (1922, 1926b).

Galerina hypsizyga Singer, *Mon. Gal.*: 174, 1964.

Dist: CAT

Ref: Raithelhuber (1991, 2004), Smith and Singer (1964).

Galerina inconspicua Singer, *Mycologia* **47**: 592, 1955.

Dist: N, RN

Ref: Raithelhuber (1977, 1988, 2004), Singer (1954, 1969).

Galerina inconspicua var. **mixta** Singer, *Beih. Nova Hedwigia* **29**: 319, 1969.

Dist: RN

Ref: Raithelhuber (1991), Singer (1969).

Galerina inconspicua var. **sublevis** Singer, *Beih. Nova Hedwigia* **29**: 319, 1969.

Dist: N

Ref: Singer (1969).

Galerina infernalis Singer, *Mon. Gal.*: 268, 1964.

Dist: T

Ref: Horak (1992), Raithelhuber (1991), Smith and Singer (1964).

Galerina longinqua A.H. Sm. & Singer, *Mycologia* **50**(4): 477, 1958.
Dist: ANT
Ref: Singer and Corte (1962).

Galerina longispora Raithelh., *Hong. Argentin.* **2**: 129, 1977.
Dist: RN
Ref: Raithelhuber (1977, 1988, 1991, 2004).

Galerina marginata (Batsch) Kühner, *Encycl. Mycol.* **7**: 225, 1935.
Bas: *Agaricus marginatus* Batsch, 1789.
Dist: T
Ref: Raithelhuber (1988, 1991, 2004), Singer and Digilio (1952).

Galerina microcephala (Speg.) Singer, *Lilloa* **25**: 510, 1952 [1951].
Bas: *Inocybe microcephala* Speg., 1899 [1898].
Dist: BA
Ref: Farr (1973), Raithelhuber (1974, 1988, 1991, 2004), Singer (1951), Singer and Digilio (1952), Spegazzini (1899a), Wright and Albertó (2002).

Galerina montivaga Singer, *Beih. Nova Hedwigia* **29**: 306, 1969.
Dist: J, T, RN
Ref: Horak (1992), Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

Galerina mycenaeformis B.E. Lechner & J.E. Wright, *Fungal Diversity* **21**: 136, 2006.
Dist: MNES
Ref: Lechner *et al.* (2006), Wright *et al.* (2008).

Galerina nana (Petri) Kühner, *Encycl. Mycol.* **7**: 219, 1935.
Bas: *Naucoria nana* Petri, 1904.
Dist: T, BA
Ref: Raithelhuber (1988, 1991, 2004), Singer (1969), Singer and Digilio (1952).

Galerina paludicola (G.F. Atk.) Singer, *Lilloa* **25**: 379, 1952 [1951].
Bas: *Galerula paludicola* G. F. Atk, 1918.
Dist: TF
Ref: Singer and Digilio (1952).

Galerina papillata Singer, *Lilloa* **25**: 382, 1952 [1951].
Dist: T
Ref: Horak (1992), Raithelhuber (1988, 1991, 2004), Singer and Digilio (1952).

Galerina patagonica Singer, *Sydowia* **8**: 140, 1953.
Dist: N, RN
Ref: Horak (1980), Raithelhuber (1977, 1988, 1991, 2004), Singer (1954, 1969).

Galerina perrara Singer, *Conrt. Inst. Antarc. Argent.* **71**: 15, 1962.
Dist: ANT
Ref: Singer (1969), Singer and Corte (1962).

Galerina physospora Singer, *Lilloa* **25**: 381, 1952 [1951].
Figure 4.
Dist: T
Ref: Horak (1992), Raithelhuber (1988, 1991, 2004), Singer and Digilio (1952).

Galerina praetervisa Singer, *Mon. Gal.*: 352, 1964.
Dist: N
Ref: Singer (1969), Smith and Singer (1964).

Galerina proxima A.H. Sm. & Singer, *Mon. Gal.*: 200, 1964.
Dist: TF
Ref: Raithelhuber (1991, 2004), Smith and Singer (1964).

Galerina pseudomycenopsis Pilat & Nannf., *Friesia* **5**: 19, 1954.
= *Galerina moelleri* Bas, 1960.
= *Galerina riparia* Singer 1953, sensu Horak 1980.
Dist: T, TF, ANT
Ref: Horak (1980, 1992), Raithelhuber (2004), Singer (1969), Singer and Corte (1962).

Galerina pucarensis Singer, *Beih. Nova Hedwigia* **29**: 305, 1969.
Dist: N
Ref: Raithelhuber (1988, 1991, 2004), Singer (1969).

Galerina pumila (Pers.) M. Lange, *Persoonia* **2**(1): 41, 1961.
Bas: *Agaricus pumilus* Pers., 1801.
= *Pholiota pumila* (Pers.) Gillet, 1876.
Dist: TF
Ref: Horak (1967), Spegazzini (1888).

Galerina radicellicola Singer, *Mon. Gal.*: 353, 1964.
Dist: N
Ref: Singer (1969), Smith and Singer (1964).

Galerina recedens (Singer) Horak, *Sydowia* **40**: 77, 1987.
Bas: *Pyrrhoglossum recedens* Singer, 1973.
Dist: J
Ref: Horak (1992), Singer (1973).

Galerina riparia Singer, *Sydowia* **7**: 249, 1953.
Dist: N, RN, TF
Ref: Horak (1980), Raithelhuber (1988, 1991), Singer (1953b, 1954, 1969).

Galerina saltensis Singer, *Lilloa* **25**: 382, 1952 [1951].
Dist: S
Ref: Raithelhuber (1988, 1991, 2004), Singer and Digilio (1952).

Galerina sanctixaveri Singer, *Beih. Sydowia* **7**: 91, 1973.
Dist: T
Ref: Raithelhuber (1988, 1991, 2004), Singer (1973).

Galerina sideroides (Bull.) Kühner, *Encycl. Mycol.* **7**: 215, 1935.
Bas: *Agaricus sideroides* Bull., 1793.
= *Naucoria sideroides* (Bull.) Quél., 1872.
Dist: BA

Ref: Spegazzini (1926b).

Galerina spegazziniana E. Horak, *Darwiniana* **14**(2-3): 370, 1967.
Dist: BA
Ref: Horak (1967).

Galerina sphagnum (Pers.) Kühner, *Encycl. Mycol.* **7**: 179, 1935.
Bas: *Agaricus hypnorum* (?) *sphagnum* Pers., 1801.
Dist: TF
Ref: Raithelhuber (1991, 2004).

Galerina subannulata (Singer) A.H. Sm. & Singer, *Mon. Gal.*: 293, 1964.
Bas:
Galerina vittiformis var. *subannulata* Singer, 1953.
Dist: N, RN, TF
Ref: Raithelhuber (1991, 2004), Singer (1953b, 1954, 1969), Singer and Digilio (1952), Smith and Singer (1964).

Galerina tibiicystis (G.F. Atk.) Kühner, *Encycl. Mycol.* **7**: 176, 1935.
Bas: *Galerula tibiicystis* G.F. Atk., 1918.
Dist: TF
Ref: Horak (1980), Raithelhuber (1988, 1991, 2004).

Galerina velutipes Singer, *Mon. Gal.*: 284, 1964.
Dist: MNES
Ref: Horak (1992), Raithelhuber (1991, 2004), Smith and Singer (1964).

Galerina victoriae Singer, *Sydowia* **8**: 140, 1953.
Dist: N, RN
Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1954, 1969).

Galerina vittiformis (Fr.) Earle, *Bull. New York Bot. Gard.* **5**: 423, 1909 [1906].
Bas: *Agaricus vittiformis* Fr., 1838 [1836-1838].
= *Galerina rubiginosa* (Pers.) Kühner, 1935.
Dist: N, RN, TF
Ref: Singer (1953b, 1954), Singer and Digilio (1952).

Galerina vittiformis var. **pachyspora** A.H. Sm. & Singer, *Mycologia* **50**(4): 488, 1958.
Dist: TF
Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1969).

Galeropsis Velen.

Galeropsis allospora Singer, *Lilloa* **23**: 239, 1950.
Bas: *Galeropsis allosperma* Singer, 1951 [1949].
= *Galera paradoxa* Speg., 1899.
Dist: CHU
Ref: Farr (1973), Horak (1967), Singer (1950), Spegazzini (1899b).

Gymnopilus P. Karst.

Gymnopilus aculeatus (Bres. & Roum.) Singer, *Lilloa* **22**:

561, 1951 [1949].
Bas: *Pholiota aculeata* Bres. & Roum., 1890.
Dist: T
Ref: Singer (1951, 1953c).

Gymnopilus chrysopellus (Berk. & M.A. Curtis) Murrill, *Mycologia* **5**(1): 23, 1913.
Bas: *Agaricus chrysopellus* Berk. & M.A. Curtis, 1868.
Dist: S, T, BA
Ref: Raithelhuber (1988, 1991, 2004), Singer (1953a), Singer and Digilio (1952), Wright and Albertó (2002).

Gymnopilus earlei Murrill, *Mycologia* **5**(1): 22, 1913.
Dist: MNES
Ref: Wright *et al.* (2008), Wright and Wright (2005).

Gymnopilus lepidotus Hesler, *Mycol. Mem.* **3**: 40, 1969.
Dist: MNES
Ref: Lechner *et al.* (2006), Wright *et al.* (2008), Wright and Wright (2005).

Gymnopilus levis Raithelh., *Hong. Argentin.* **1**: 146, 1974.
Dist: BA
Ref: Raithelhuber (1974, 1988, 1991, 2004).

Gymnopilus luteofolius (Peck) Singer, *Lilloa* **22**: 560, 1951 [1949].
Bas: *Pholiota luteofolius* Peck, 1887.
Dist: T
Ref: Singer (1953c).

Gymnopilus peliolepis (Speg.) Singer, *Lilloa* **22**: 561, 1951 [1949].
Bas: *Pholiota peliolepis* Speg., 1919.
Dist: T
Ref: Farr (1973), Raithelhuber (1988, 1991, 2000a, 2004), Singer (1951, 1953a), Singer and Digilio (1952).

Gymnopilus penetrans (Fr.) Murrill, *Mycologia* **4**(5): 254, 1912.
Bas: *Agaricus penetrans* Fr., 1815.
= *Flammula hybrida* (Bull.) Gillet, 1876.
= *Flammula penetrans* (Fr.) Quél., 1886.
Dist: CBA, BA
Ref: Spegazzini (1926a, 1926b).

Gymnopilus picreus (Pers.) P. Karst., *Bidrag Kännedom Finlands Natur Folk.* **32**: 400, 1879.
Bas: *Agaricus picreus* Pers., 1798.
= *Flammula picrea* (Pers.) Fr., 1821.
Dist: CBA
Ref: Spegazzini (1926a).

Gymnopilus pratensis Singer, *Lilloa* **25**: 371, 1952 [1951].
Dist: S
Ref: Raithelhuber (1988, 1991, 2004), Singer and Digilio (1952).

Gymnopilus riberae Raithelh., *Metrodiana Sonderh.* **5**: 52, 2000.
Dist: BA
Ref: Raithelhuber (2000b, 2004).

Gymnopilus sapineus (Fr.) Murrill, *Mycologia* **4**(5): 254, 1912.
Bas: *Agaricus sapineus* Fr., 1821.
= *Flammula sapinae* (Fr.) P. Kumm., 1871.
Dist: CBA
Ref: Spegazzini (1926a).

Hebeloma (Fr.) P. Kumm.

Hebeloma argentinum Speg., *Anales Mus. Nac. Buenos Aires* **6**: 129, 1899 [1898].
Dist: BA
Ref: Farr (1973), Spegazzini (1899a).

Hebeloma australe Murrill, *Proc. Fla. Acad. Sci.* **7**(2/3): 120, 1945 [1944].
Dist: N, RN
Ref: Raithelhuber (1988, 1991, 2000a, 2004), Singer (1954).

Hebeloma austroamericanum (Speg.) Sacc., *Syll. fung.* **5**: 800, 1887.
Bas: *Agaricus (Hebeloma) crustuliniformis* Fr. **austro-americanus* Speg., 1881.
Dist: BA
Ref: Farr (1973), Raithelhuber (1988, 1991, 2004), Ramarodi (1992), Singer (1950, 1953a), Singer and Digilio (1952), Spegazzini (1881).

Hebeloma crustuliniforme (Bull.) Quél., *Mém. Soc. Émul. Montbéliard*, Sér. 2 **5**: 128, 1872. Figure 3.
Bas: *Agaricus crustuliniformis* Bull., 1787.
Dist: BA
Ref: Spegazzini (1926b), Wright and Albertó (2002).

Hebeloma hiemale Bres., *Fung. Trident.* **2**(11-13): 52, 1892.
Dist: BA, AP
Ref: Barroetaveña (2006), Raithelhuber (1974, 1988, 1991, 2004), Singer and Digilio (1952).

Hebeloma lugens (Jungh.) Gillet, *Syll. fung.* **5**: 801, 1887.
Bas: *Agaricus lugens* Jungh., 1874.
Dist: BA
Ref: Raithelhuber (1974, 1988, 1991, 2004), Singer and Digilio (1952).

Hebeloma mesophaeum (Pers.) Quél., *Mém. Soc. Émul. Montbéliard*, Sér. 2 **5**: 128, 1872.
Bas: *Agaricus fastibilis* var. *mesophaeus* Pers., 1828.
Dist: BA, RN
Ref: Barroetaveña (2006), Raithelhuber (1988, 1991, 2004), Ramarodi (1992), Singer (1969).

Hebeloma moseri Singer, *Beih. Nova Hedwigia* **29**: 287, 1969.
Dist: N, RN
Ref: Raithelhuber (1977, 1988, 1991, 2004), Singer (1969).

Hebeloma naufragum (Speg.) Speg., *Syll. fung.* **9**: 104, 1891.
= *Agaricus (Hebeloma) naufragum* Speg., 1887.

Dist: TF
Ref: Farr (1973), Horak (1967), Spegazzini (1888).

Hebeloma nudipes (Fr.) Kalchbr., *Icon. Sel. Hymenomyc. Hung.*: 26, 1873.
Bas: *Agaricus nudipes* Fr., 1838.
Dist: BA
Ref: Spegazzini (1926b).

Hebeloma platense Speg., *An. Mus. Nac. Buenos Aires* **6**: 128, 1899 [1898].
Dist: BA
Ref: Farr (1973), Spegazzini (1899a, 1926b).

Hebeloma pusillum J.E. Lange, *Fl. Agaric. Danic.* **5**: 4, 1940.
Dist: BA
Ref: Raithelhuber (1974, 1988, 1991, 2004), Singer and Digilio (1952).

Hebeloma sinapizans (Fr.) Sacc., *Syll. fung.* **5**: 799, 1887.
Bas: *Agaricus sinapizans* Fr., 1838 [1836-1838].
Dist: N
Ref: Raithelhuber (1988, 1991, 2004), Singer (1969).

Inocybe (Fr.) Fr.

Inocybe argentina Speg., *Anales Mus. Nac. Buenos Aires* **6**: 124, 1899 [1898].
Dist: BA
Ref: Farr (1973), Singer (1951), Spegazzini (1899a).

Inocybe bridgesiana Singer, *Sydowia* **7**: 227, 1953.
Dist: N, RN, TF
Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Inocybe bridgesiana var. **neuquenensis** (Singer) Raithelh., *Fl. Mycol. Argentina, Hongos* III (Stuttgart): 252, 1991.
Bas: *Inocybe neuquenensis* Singer, 1954.
Dist: N, RN, TF
Ref: Horak (1980), Raithelhuber (1991, 2004), Singer (1954, 1969).

Inocybe cerasphora Singer, *Sydowia* **7**: 228, 1953.
= *Astrosporina cerasphora* (Singer) E. Horak, 1980 [1979].
Dist: N, RN, TF
Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Inocybe curvipes P. Karst., *Hedwigia* **29**: 176, 1890.
= *Inocybe lanuginella* (J. Schröt.) Konrad & Maubl., 1937.
= *Astrosporina lanuginella* J. Schröt., 1889.
Dist: BA
Ref: Raithelhuber (1974, 1988, 1991, 2004).

Inocybe cylindrocystis G.F. Atk., *Amer. J. Bot.* **5**: 211, 1918.
Dist: N, RN
Ref: Singer (1954, 1969).

Inocybe dilutecinnamomea Singer, *Sydowia* **8**: 127, 1954.

Dist: N, RN
Ref: Raithelhuber (1977, 1988, 1991), Singer (1954, 1969).

Inocybe dissocystis Singer, *Sydowia* **7**: 231, 1953.
Dist: TF
Ref: Singer (1953b, 1969), Singer and Digilio (1952).

Inocybe erythrobasis Singer, *Sydowia* **8**: 127, 1954.
Dist: N, RN, TF
Ref: Horak (1980), Raithelhuber (1977, 1988, 1991, 2004), Singer (1954, 1969).

Inocybe eutheles (Berk. & Broome) Sacc., *Syll. fung.* **5**: 776, 1887.
Bas: *Agaricus eutheles* Berk. & Broome, 1865.
Dist: N, RN, TF
Ref: Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Inocybe fuegiana (Speg.) Speg., *Syll. fung.* **9**: 101, 1891.
Bas: *Agaricus fuegianus* Speg., 1888.
Dist: TF
Ref: Farr (1973), Horak (1967), Singer (1951), Spegazzini (1888).

Inocybe fumosifolia Speg., *Bol. Acad. Ci. (Córdoba)* **28**: 315, 1926.
= *Astrosporina fumosifolia* (Speg.) Raithelh., 1985.
Dist: CBA, BA
Ref: Farr (1973), Raithelhuber (1985, 1988, 1991, 2004), Singer (1951), Singer and Digilio (1952), Spegazzini (1926b), Wright and Albertó (2002).

Inocybe fuscata Singer, *Sydowia* **7**: 236, 1953.
= *Astrosporina fuscata* (Singer) E. Horak, 1980 [1979].
Dist: N, RN, TF
Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Inocybe fuscocinnamomea Singer, *Sydowia* **7**: 233, 1953.
Dist: N, RN, TF
Ref: Horak (1980), Raithelhuber (1988, 1991, 2004), Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Inocybe geophylla var. **lilacina** Gillet, *Hyménomycètes* (Alençon): 520, 1876.
Dist: BA
Ref: Albertó *et al.* (1996).

Inocybe geophyllomorpha Singer, *Sydowia* **7**: 229, 1953.
Dist: N, RN, TF
Ref: Horak (1980), Raithelhuber (1977, 1988, 1991, 2004), Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Inocybe gigacystis Singer, *Sydowia* **7**: 231, 1953.
Dist: N, RN, TF
Ref: Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Inocybe glabripes Ricken, *Die Blätterpilze*: 107, 1915.
= *Inocybe microspora* J.E. Lange, 1917.
Dist: BA
Ref: Ramarodi (1992), Raithelhuber (1974, 1988, 2004), Singer and Digilio (1952).

Inocybe horakii Raithelh., *Hong. Argentina*. **2**: 128, 1977.
= *Astrosporina horakii* (Raithelh.) Raithelh., 1983.
Dist: RN
Ref: Raithelhuber (1977, 1983, 1988, 1991, 2004).

Inocybe horakii var. **terrestris** Raithelh. *Hong. Argentina*. **2**: 129, 1977.
= *Astrosporina horakii* var. *terrestris* (Raithelh.) Raithelh., 1983.
Dist: RN
Ref: Raithelhuber (1977, 1983, 1988, 1991, 2004).

Inocybe kauffmanii A.H. Sm., *Engler's Flora* **24**(1): 103, 1939.
Dist: AP
Ref: Barroetaveña (2006).

Inocybe lacera f. **gracilis** J.E. Lange, *Fl. Agaric. Danic.* **3**: 78, 1938.
Bas: *Agaricus lacerus* Fr., 1821.
Dist: BA
Ref: Albertó *et al.* (1996), Raithelhuber (2004), Wright and Albertó (2002).

Inocybe langei R. Heim, *Encycl. Mycol.* **1**: 335, 1931.
Dist: BA
Ref: Raithelhuber (2004), Wright and Albertó (2002).

Inocybe mariluanensis (Speg.) Singer, *Lilloa* **22**: 534, 1951 [1949].
Bas: *Naucoria mariluanensis* Speg., 1921.
Dist: N, RN
Ref: Farr (1973), Raithelhuber (1988, 1991, 2004), Singer (1954, 1969).

Inocybe mascardi Raithelh., *Metrodiana, Sonderh.* **4**: 11, 1990.
= *Inocybe nana* Raithelh. 1977, non *Inocybe nana* F.H. Møller 1945.
Dist: RN,
Ref: Raithelhuber (1977, 1988, 1990, 1991, 2004).

Inocybe mixtiliformis Singer, *Sydowia* **8**: 129, 1954.
= *Astrosporina mixtiliformis* (Singer) Raithelh., 1991.
Dist: N, RN
Ref: Raithelhuber (1977, 1991, 2004), Singer (1954, 1969).

Inocybe multicolor Raithelh., *Hong. Argentina*. **2**: 129, 1977.
Dist: RN
Ref: Raithelhuber (1977, 1988, 1991, 2004).

Inocybe napipes J.E. Lange, *Dansk Bot. Ark.* **2**(7): 44, 1917. Figure 5.
= *Astrosporina napipes* (J.E. Lange) A. Pearson, 1938.
Dist: T
Ref: Raithelhuber (1988, 1991, 2004), Singer and Digilio (1952).

Inocybe nitidiuscula (Britzelm.) Lapl., *Syll. fung.* **11**: 53, 1895.
Bas: *Agaricus nitidiuscula* Britzelm., 1891.

= *Inocybe friesii* R. Heim, 1931.

Dist: BA

Ref: Raithelhuber (1974, 1988, 1991, 2004), Singer and Digilio (1952).

Inocybe petiginosa (Fr.) Gillet, *Hyménomycètes* (Alençon): 521, 1876.

Bas: *Agaricus petiginosus* Fr., 1821.

= *Hebeloma petiginosum* (Fr.) P. Kumm., 1871.

Dist: CBA

Ref: Spegazzini (1926a).

Inocybe posterula (Britzelm.) Sacc., *Syll. fung.* 5: 778, 1887.

Bas: *Agaricus posterulus* Britzelm., 1882.

Dist: N, RN

Ref: Raithelhuber (1988, 1991, 2004), Singer (1954, 1969).

Inocybe rimosa (Bull.) P. Kumm., *Führ. Pilzk.* (Zwickau): 78, 1871.

Bas: *Agaricus rimosus* Bull., 1789.

= *Agaricus fastigiatus* Schaeff., 1774.

= *Inocybe fastigiata* (Schaeff.) Quél., 1872.

Dist: BA

Ref: Ramarodi (1992), Spegazzini (1880).

Inocybe semilutescens Singer, *Beih. Nova Hedwigia* 29: 286, 1969.

= *Inocybe lutescens* Singer 1953, non

Inocybe lutescens Velen. 1920.

Dist: N, RN, TF

Ref: Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Inocybe subfibrosoides Singer, *Sydowia* 7: 234 (1953).

= *Astrosporina subfibrosoides* (Singer) E. Horak, 1980 [1979].

= *Astrosporina fuscata* var. *subfibrosoides* (Singer) Raithelh. 1991.

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1988, 1990, 1991, 2004), Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Inocybe subfuscocinnamomea Singer, *Sydowia* 8: 131, 1954.

Dist: N, RN

Ref: Raithelhuber (1988, 1991), Singer (1954, 1969).

Inocybe subgeophyllomorpha Singer, *Sydowia* 8: 132, 1954.

Dist: N

Ref: Singer (1969).

Inocybe subgigacystis Singer, *Sydowia* 8: 133, 1954.

Dist: N, RN

Ref: Singer (1954, 1969).

Inocybe subretipes Singer, *Sydowia* 8: 133, 1954.

= *Inocybe retipes* Singer 1953, non

Inocybe retipes G.F. Atk 1918.

Dist: N, RN, TF

Ref: Singer (1953b, 1954, 1969), Singer and Digilio (1952).

Inocybe tigrina R. Heim, *Encycl. Mycol.* 1: 230, 1931.

Dist: BA

Ref: Raithelhuber (1974, 1988, 2004), Singer and Digilio (1952).

Inocybe variabillima Speg., *Anales Mus. Nac. Buenos Aires* 6: 125, 1899 [1898].

= *Inocybe leptocephala* Speg., 1899 [1898].

= *Astrosporina variabillima* Speg., 1899.

Dist: BA

Ref: Farr (1973), Raithelhuber (2004), Singer (1951), Singer and Digilio (1952), Spegazzini (1899a), Wright and Albertó (2002).

Locellina Gillet [= **Cortinarius** (Pers.) Gray]

Locellina mazzuchii Speg., *Rev. Mus. La Plata* 21:166, 1921.

Dist: SGO

Ref: Farr (1973), Spegazzini (1921, 1926b).

Pseudogymnopilus Raithelh.

Pseudogymnopilus pampeanus (Speg.) Raithelh., *Metrodiana* 9(2): 47, 1980. Figure 6.

Bas: *Flammula pampeana* Speg., 1899 [1898].

= *Gymnopilus spectabilis* subsp. *pampeanus* (Speg.) Singer, 1950.

Dist: BA

Ref: Farr (1973), Ramarodi (1992), Raithelhuber (1974, 1988, 1990, 1991, 2004), Singer (1950, 1969), Singer and Digilio (1952), Spegazzini (1899a), Wright and Albertó (2002).

Rozites P. Karst.

Rozites collariatus (E. Horak & M.M. Moser) E. Horak, *Fl. criptog. Tierra del Fuego* 11(6): 345, 1980 [1979].

Bas:

Cortinarius collariatus E. Horak & M.M. Moser, 1975.

Dist: N, RN, TF

Ref: Horak (1980), Moser and Horak (1975), Raithelhuber (1988).

Rozites purpurea M.M. Moser, *Beih. Nova Hedwigia* 52: 514, 1975.

Dist: AP

Ref: Moser and Horak (1975), Raithelhuber (1988).

Rozites sarmienti (Speg.) E. Horak, *Fl. criptog. Tierra del Fuego* 11(6): 350, 1980 [1979].

Bas: *Cortinarius sarmienti* Speg., 1888.

Dist: TF

Ref: Farr (1973), Horak (1967, 1980), Raithelhuber (1988), Spegazzini (1888).

Rozites violacea E. Horak, *Beih. Nova Hedwigia* 52: 516, 1975.

Dist: RN

Ref: Moser and Horak (1975), Raithelhuber (1988).

Stephanopus M. M. Moser

Stephanopus azureus M.M. Moser & E. Horak, *Beih. Nova Hedwigia* **52**: 520, 1975.

Dist: RN

Ref: Moser and Horak (1975), Raithelhuber (1988).

Stephanopus coerulea (M.M. Moser) E. Horak, *Sydowia* **34**: 106, 1981.

Bas: *Rozites coerulea* M.M. Moser, 1975.

Dist: N

Ref: Moser and Horak (1975), Raithelhuber (1988).

Stephanopus stropharioides E. Horak, *Beih. Nova Hedwigia* **52**: 522, 1975.

Dist: N, RN, TF

Ref: Gamundí and Horak (2002), Horak (1980), Moser and Horak (1975), Raithelhuber (1988).

Stephanopus trachyphyloeus (M.M. Moser & E. Horak) E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 354, 1980 [1979].

Bas: *Cortinarius trachyphyloeus* M.M. Moser & E. Horak, 1975.

Dist: N, RN, TF

Ref: Horak (1980), Moser and Horak (1975), Raithelhuber (1988).

ENTOLOMATACEAE Kotl. & Pouzar

Clitopilus (Fr. ex Rabenh.) P. Kumm.

Clitopilus argentinus Singer, *Lilloa* **25**: 513, 1952 [1951]. = *Pleurotus pusillus* Speg. 1909, non *Clitopilus pusillimus* (Speg.) Singer 1950.

= *Clitopilus pusillimus* (Speg.) Raithelh. 1991, non *Clitopilus pusillimus* (Speg.) Singer 1950.

Dist: J, T, BA

Ref: Farr (1973), Raithelhuber (1974, 1987, 1991, 2004), Singer (1951), Singer and Digilio (1952), Spegazzini (1899a, 1909).

Clitopilus filifer (Speg.) Singer, *Lilloa* **22**: 607, 1951 [1949].

Bas: *Pleurotus filifer* Speg., 1926.

Dist: CBA

Ref: Farr (1973), Singer (1950), Spegazzini (1926a).

Clitopilus giovanellae (Bres.) Joss., *Bull. Mens. Soc. Linn. Lyon* **10**: 10, 1943.

Bas: *Omphalia giovanellae* Bres., 1881.

Dist: T

Ref: Raithelhuber (1987, 2004), Singer and Digilio (1952).

Clitopilus hobsonii (Berk. & Broome) P.D. Orton, *Trans. Brit. Mycol. Soc.* **43**: 174, 1960.

Bas: *Agaricus hobsonii* Berk., 1860.

Dist: J, T, FSA, MNES, CTES, BA, N

Ref: Horak (1980), Raithelhuber (1987, 1991, 2004), Singer (1969).

Clitopilus incrustatus Singer, *Sydowia* **2**: 38, 1948.

Dist: T

Ref: Raithelhuber (1987, 2004), Singer (1969), Singer and

Digilio (1952).

Clitopilus passeckerianus (Pilát) Singer, *Farlowia* **2**: 560, 1946.

Bas: *Pleurotus passeckerianus* Pilát, 1935.

Dist: BA, IM

Ref: Raithelhuber (1974, 1987, 1991, 2004), Singer and Digilio (1952), Watling and Richardson (2010).

Clitopilus pinsitus (Fr.) Joss., *Bull. Trimestriel Soc. Mycol. France* **53**: 209, 1937.

Bas: *Agaricus pinsitus* Fr., 1821.

Dist: T

Ref: Singer and Digilio (1952).

Clitopilus pusillimus (Speg.) Singer, *Lilloa* **23**: 226, 1950. Bas: *Omphalia pusillima* Speg., 1899 [1898].

Dist: T, BA

Ref: Farr (1973), Raithelhuber (1991, 2004), Singer (1950), Spegazzini (1899a).

Clitopilus rhodotrampa Singer, *Lilloa* **25**: 421, 1952 [1951].

Dist: J

Ref: Raithelhuber (1987, 1991, 2004), Singer (1953a), Singer and Digilio (1952).

Clitopilus septicoides (Henn.) Singer, *Lilloa* **22**: 606, 1951 [1949].

Bas: *Pleurotus septicoides* Henn., 1904.

Dist: J, T, MNES, BA

Ref: Singer (1951, 1953a), Singer and Digilio (1952), Wright and Wright (2005).

Clitopilus venososulcatus Singer, *Farlowia* **2**: 557, 1946.

Dist: T

Ref: Raithelhuber (1987, 1991, 2004), Singer and Digilio (1952).

Eccilia (Fr.) P. Kumm. [= **Entoloma** (Fr.) P. Kumm]

Eccilia farctipes Speg., *Bol. Acad. Ci. (Córdoba)* **28**: 307, 1926.

Dist: BA

Ref: Farr (1973), Singer (1950), Spegazzini (1926b).

Obs: According to Singer (1950) this species and *E. platensis* could be the same one and should be transfer to the genus *Clitopilus*.

Eccilia platensis Speg., *Anales Mus. Nac. Buenos Aires* **6**: 120, 1899 [1898].

Dist: BA

Ref: Farr (1973), Singer (1950), Spegazzini (1899a, 1926b).

Obs: According to Singer (1950) this species and *E. farctipes* could be the same one and should be transfer to the genus *Clitopilus*.

Entoloma (Fr.) P. Kumm.

Entoloma argentinum (Speg.) E. Horak, *Sydowia* **30**: 90, 1978 [1977].

Bas: *Claudopus argentinus* Speg., 1899 [1898].
= *Rhodophyllus argentinus* (Speg.) Singer, 1952 [1950].
Dist: T, BA
Ref: Farr (1973), Horak (1978), Raithelhuber (1987, 1991, 2004), Singer (1950), Singer and Digilio (1952), Spegazzini (1899a).

Entoloma austroanatinum (Singer) E. Horak, *Sydowia* **30**: 97, 1978 [1977].
Bas: *Rhodophyllus austroanatinus* Singer, 1969.
Dist: RN
Ref: Horak (1978), Raithelhuber (1977, 1987, 1991, 2004), Singer (1969).

Entoloma chalybeum var. **lazulinum** (Fr.) Noordel., *Persoonia* **12**(3): 206, 1984.
Bas: *Agaricus lazulinus* Fr., 1838 [1836-1838].
= *Rhodophyllus lazulinus* (Fr.) Quél., 1886.
= *Entoloma lazulinum* (Fr.) Noordel., 1982.
Dist: N, RN
Ref: Raithelhuber (1987, 1991), Singer (1969).

Entoloma chloropolium (Fr.) M.M. Moser, *Guida alla Determinazione dei Funghi* 1. Edn 2 (Trento): 215, 1986.
Bas: *Agaricus chloropolius* Fr., 1863.
= *Rhodophyllus chloropolius* (Fr.) Quél., 1886.
= *Entoloma chloropolium* (Fr.) Raithelhuber, 1987.
Dist: N, RN
Ref: Raithelhuber (1977, 1987, 1991, 2004), Singer (1969).

Entoloma corvinum (Kühner) Noordel., *Nordic J. Bot.* **2**(2): 162, 1982.
Bas: *Rhodophyllus corvinus* Kühner, 1954.
Dist: RN
Ref: Raithelhuber (1977).

Entoloma cryptochromum (Singer) E. Horak, *Sydowia* **30**: 67, 1978 [1977].
Bas: *Rhodophyllus hololeucus* Singer, 1969.
Dist: N, RN, CHU
Ref: Horak (1978), Raithelhuber (1977, 1987, 1991, 2004), Singer (1969).

Entoloma cucurbita E. Horak, *Beih. Nova Hedwigia* **43**: 47, 1973.
= *Rhodophyllus cucurbita* (E. Horak) E. Horak, 1980 [1979].
Dist: TF
Ref: Horak (1978, 1980), Raithelhuber (1987, 1991, 2004).

Entoloma dissimile (Singer) E. Horak, *Sydowia* **30**: 78, 1978 [1977].
Bas: *Rhodophyllus dissimilis* Singer, 1969.
Dist: N, RN
Ref: Horak (1978), Raithelhuber (1977, 1987, 1991, 2004), Singer (1969).

Entoloma dysthales (Peck) Sacc., *Syll. fung.* **9**: 83, 1891.
Bas: *Agaricus dysthales* Peck, 1880 [1879].
= *Rhodophyllus dysthales* (Peck) Romagn., 1937.
Dist: N
Ref: Horak (1978), Raithelhuber (1987, 1991, 2004),

Singer (1969).

Entoloma elaboratum E. Horak, *Sydowia* **30**: 62, 1978 [1977].
Dist: T
Ref: Horak (1978), Raithelhuber (1987, 1991, 2004).

Entoloma excentricum Bres., *Fung. Trident.* **1**(1): 11, 1881.
Dist: BA
Ref: Ramarodi (1985a, 1992).

Entoloma gerronematoides (Raithelhuber) Raithelhuber, *Metrodiana, Sonderh.* **2**: 8, 1983.
Bas: *Rhodophyllus gerronematoides* Raithelhuber, 1977.
Dist: RN
Ref: Raithelhuber (1977, 1983, 1987, 1991, 2004).

Entoloma imbecille (E. Horak) E. Horak ex Segedin & Pennycook, *N.Z. J. Bot.* **39**(2): 305, 2001.
Bas: *Rhodophyllus imbecillis* E. Horak, 1980 [1979].
= *Entoloma fragile* E. Horak, 1973.
Dist: TF
Ref: Horak (1978, 1980), Raithelhuber (1987, 1991, 2004).

Entoloma impedidum E. Horak, *Sydowia* **30**: 106, 1978 [1977].
Dist: N, RN
Ref: Horak (1978), Raithelhuber (1987, 1991, 2004).

Entoloma incanum (Fr.) Hesler, *Beih. Nova Hedwigia* **23**: 147, 1967.
Bas: *Agaricus incanus* Fr., 1821.
= *Rhodophyllus incanus* (Fr.) E. Horak, 1980 [1979].
Dist: BA, TF
Ref: Horak (1978, 1980), Ramarodi (1985a, 1992), Raithelhuber (1987, 1991, 2004).

Entoloma lacteonigrum (Singer) E. Horak, *Sydowia* **30**: 101, 1978 [1977].
Bas: *Rhodophyllus lacteoniger* Singer, 1969.
Dist: N, RN, TF
Ref: Horak (1978), Raithelhuber (1987, 1991, 2004), Singer (1969).

Entoloma lazulinellum (Singer) E. Horak, *Sydowia* **30**: 96, 1978 [1977].
Bas: *Rhodophyllus lazulinellus* Singer, 1951.
= *Pleurotus lazulinus* Speg. 1926, non *Rhodophyllus lazulinus* (Fr.) Quél. 1886.
Dist: CBA
Ref: Farr (1973), Horak (1978), Raithelhuber (1987, 1991, 2004), Singer (1950), Spegazzini (1926a).

Entoloma lilacinogriseum (Raithelhuber) Raithelhuber, *Fl. Mycol. Argentina, Hongos I* (Stuttgart): 258, 1987.
Bas: *Rhodophyllus lilacinogriseus* Raithelhuber, 1977.
Dist: N, RN, CHU
Ref: Raithelhuber (1977, 1987, 1991, 2004).

Entoloma longistriatum var. **sarcitulum** (P.D. Orton) Noordel., *Cryptog. Stud.* **2**: 12, 1988.

= *Rhodophyllus sarcitulus* Kühner & Romagn., 1954.

Dist: N, RN

Ref: Singer (1969).

Entoloma minutoalbum E. Horak, *Sydowia* **28**: 182, 1975.

= *Rhodophyllus minutoalbus* E. Horak, 1980 [1979].

= *Entoloma sordidulum* E. Horak 1973, non

Entoloma sordidulum (Kühner & Romagn.) P.D. Orton 1960.

Dist: TF

Ref: Horak (1974, 1978, 1980), Raithelhuber (1987, 1991, 2004).

Entoloma nitens (Velen.) Noordel., *Persoonia* **10**(2): 252, 1979.

Bas: *Nolanea nitens* Velen., 1921.

= *Rhodophyllus nitens* (Velen.) Kühner & Romagn., 1953.

Dist: N

Ref: Singer (1969).

Entoloma nubigenum (Singer) Garrido, *Biblioth. Mycol.* **99**: 98, 1985.

Bas: *Rhodophyllus nubigenus* Singer, 1969.

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1987, 1991), Singer (1969).

Entoloma olivaesimile E. Horak, *Sydowia* **35**: 87, 1982.

Dist: MNES

Ref: Horak (1982), Raithelhuber (1987, 1991, 2004).

Entoloma pampeanum Speg., *Anales Mus. Nac. Buenos Aires* **6**: 119, 1899 [1898].

= *Rhodophyllus fuscifolius* (Peck) Singer, 1969.

= *Rhodophyllus mesites* Singer, 1969.

Dist: MNES, BA, N, RN, TF

Ref: Farr (1973), Horak (1978, 1980), Raithelhuber (1977, 1987, 1991, 2004), Singer (1969), Spegazzini (1899a).

Entoloma papillatum (Bres.) Dennis, *Bull. Trimestriel Soc. Mycol. France* **69**: 162, 1953.

Bas: *Nolanea papillata* Bres., 1887.

= *Rhodophyllus papillatus* (Bres.) J.E. Lange, 1936.

Dist: RN, TF

Ref: Horak (1978, 1980), Raithelhuber (1987, 1991, 2004).

Entoloma politum (Pers.) Donk, *Viznachnik Ukraïni* **5** *Basidiomycetes*: 103, 1979.

Bas: *Agaricus politus* Pers., 1801.

= *Rhodophyllus politus* (Pers.) Quél., 1886.

Dist: N

Ref: Singer (1969).

Entoloma patagonicum (Singer) Horak, *Sydowia* **30**: 86, 1978 [1977].

Bas: *Rhodophyllus patagonicus* Singer, 1969.

Dist: N, RN, TF

Ref: Horak (1978, 1980), Raithelhuber (1977, 1987, 1991, 2004), Singer (1969).

Entoloma proximum E. Horak, *Sydowia* **30**: 95, 1978 [1977].

Dist: RN

Ref: Horak (1978), Raithelhuber (1987, 1991, 2004).

Entoloma pruinaum E. Horak, *Cryptog. Mycol.* **4**(1): 23, 1983.

Dist: MNES

Ref: Horak (1983), Raithelhuber (1991, 2004).

Entoloma pruinosipes (Singer) E. Horak, *Sydowia* **30**: 59, 1978 [1977].

Bas: *Rhodophyllus pruinosipes* Singer, 1969.

Dist: N

Ref: Horak (1978), Raithelhuber (1977, 1987, 1991, 2004), Singer (1969).

Entoloma rhodocylix (Lasch) M.M. Moser, *Kleine Kryptogamenflora* 2b/2: 210, 1978.

Bas: *Agaricus rhodocylix* Lasch, 1829.

= *Eccilia rhodocylix* (Lasch) Sacc., 1887.

Dist: SGO, CBA

Ref: Spegazzini (1926a, 1926b).

Entoloma rusticoides (Gillet) Noordel., *Persoonia* **11**(2): 150, 1981.

Bas: *Eccilia rusticoides* Gillet, 1874.

= *Rhodophyllus rusticoides* (Gillet) J.E. Lange, 1921.

Dist: MZA

Ref: Raithelhuber (1987, 1991, 2004), Singer (1969).

Entoloma sericeum (Bull.) Quél., *Mém. Soc. Émul. Montbéliard*, Sér. 2 **5**: 119, 1872.

Bas: *Agaricus sericeus* Bull., 1789.

= *Rhodophyllus sericeus* (Bull.) Quél., 1886.

= *Rhodophyllus sericeus* var. *antarcticus* (Singer) Singer, 1969.

Dist: N

Ref: Raithelhuber (1987, 1991, 2004), Singer (1969).

Entoloma sodale Kühner & Romagn. ex Noordel., *Int. J. Mycol. Lichenol.* **1**(1): 58, 1982.

Bas: *Rhodophyllus sodalis* Kühner & Romagn., 1955.

Dist: TF

Ref: Horak (1978, 1980), Raithelhuber (1987, 1991, 2004).

Entoloma squamifolium (Murrill) Singer, *Agaric. mod. Tax.*, Edn 4 (Koenigstein): 713, 1986.

Bas: *Crinipellis squamifolia* Murrill, 1915.

= *Rhodophyllus squamifolius* (Murrill) Singer, 1942.

Dist: T

Ref: Raithelhuber (1987, 2004), Singer (1953a), Singer and Digilio (1952).

Entoloma strictius (Peck) Sacc., *Syll. fung.* **5**: 698, 1887.

Bas: *Agaricus strictior* Peck, 1870.

= *Rhodophyllus strictior* (Peck) Singer, 1951 [1949].

Dist: N, RN, TF

Ref: Horak (1980), Raithelhuber (1977, 1987, 1991, 2004), Singer (1969).

Entoloma subgoniosporum (Speg.) E. Horak, *Sydowia* **30**: 70, 1978 [1977].

Bas: *Collybia subgoniospora* Speg., 1926.

= *Rhodophyllus subgoniosporus* (Speg.) Singer, 1952

[1950].
Dist: CBA
Ref: Farr (1973), Horak (1978), Raithelhuber (1987, 1991, 2004), Singer (1950), Spegazzini (1926a).

Entoloma substrictior (Singer) E. Horak, *Sydowia* **30**: 79, 1978 [1977].
Bas: *Rhodophyllus substrictior* Singer, 1965.
Dist: RN, TF
Ref: Horak (1978), Raithelhuber (1987, 1991, 2004), Singer (1969).

Entoloma umbilicatum Dennis, *Bull. Soc. Mycol. France* **69**(2): 195, 1953.
Dist: RN
Ref: Horak (1978), Raithelhuber (1987, 1991, 2004).

Nolanea (Fr.) P. Kumm. [= **Entoloma** (Fr.) P. Kumm.]

Nolanea cordobensis Speg., *Bol. Acad. Ci. (Córdoba)* **29**(2-3): 125, 1926.
Dist: CBA
Ref: Farr (1973), Singer (1950), Spegazzini (1926a).

Pouzarella Mazzer

Pouzarella aureocrinita (E. Horak) T.J. Baroni, *N. Amer. Fung.* **3**(7): 260, 2008.
Bas: *Pouzaromyces aureocrinitus* E. Horak, 1983.
Dist: J
Ref: Horak (1983).

Pouzarella brunneonigrescens T. J. Baroni, Albertó, Niveiro & B. E. Lechner, *Kurtziana* **37**(1): 43.
Dist: S
Ref: Baroni *et al.* (2012).

Pouzarella erinacea (E. Horak) T.J. Baroni, *N. Amer. Fung.* **3**(7): 260, 2008.
Bas: *Pouzaromyces erinaceus* E. Horak, 1983.
Dist: T
Ref: Horak (1983).

Pouzarella ferreri T. J. Baroni, Perd.-Sánchez, S. A. Cantrell, *North American Fungi* **3**: 243.
Dist: S
Ref: Baroni *et al.* (2012).

Pouzarella olivacea T. J. Baroni, Albertó, Niveiro & B. E. Lechner, *Kurtziana* **37**(1): 45.
Dist: S
Ref: Baroni *et al.* (2012).

Pouzarella parvispora T. J. Baroni, Albertó, Niveiro & B. E. Lechner, *Kurtziana* **37**(1): 46.
Dist: J
Ref: Baroni *et al.* (2012).

Pouzarella sepiaceobasalis (E. Horak) T.J. Baroni, *N. Amer. Fung.* **3**(7): 260, 2008.
Bas: *Pouzaromyces sepiaceobasalis* E. Horak, 1983.
Dist: MNES

Ref: Horak (1983).

Pouzarella sulcata T. J. Baroni, Albertó, Niveiro & B. E. Lechner, *Kurtziana* **37**(1): 48. Figure 7.
Dist: S
Ref: Baroni *et al.* (2012).

Pouzarella variabilis T. J. Baroni, Albertó, Niveiro & B. E. Lechner, *Kurtziana* **37**(1): 49.
Dist: J, S
Ref: Baroni *et al.* (2012).

Rhodocybe Maire

Rhodocybe australis Singer, *Beih. Nova Hedwigia* **29**: 335, 1969.
Dist: N, RN
Ref: Raithelhuber (1977, 1987, 1991, 2004), Singer (1969).

Rhodocybe caelata (Fr.) Maire, *Bull. Trimestriel Soc. Mycol. France* **40**: 298, 1926.
Bas: *Agaricus caelatus* Fr., 1838 [1836-1838].
Dist: T, N
Ref: Singer (1969), Singer and Digilio (1952).

Rhodocybe collybioides Singer, *Lilloa* **25**: 425, 1952 [1951].
Dist: T, CAT
Ref: Raithelhuber (1987, 1991, 2004), Singer (1969), Singer and Digilio (1952).

Rhodocybe crepidotoides Singer, *Beih. Sydowia* **7**: 95, 1973.
Dist: CAT
Ref: Raithelhuber (1987, 1991, 2004), Singer (1973).

Rhodocybe himantiigena (Speg.) Singer, *Lilloa* **22**: 609, 1951 [1949].
Bas: *Clitocybe himantiigena* Speg., 1919.
Dist: S, T, CBA, BA, N, RN
Ref: Farr (1973), Raithelhuber (1987, 1991, 2004), Singer (1950, 1969), Singer and Digilio (1952).

Rhodocybe marasmioides Singer, *Lilloa* **25**: 424, 1952 [1951].
Dist: T
Ref: Raithelhuber (1987, 1991, 2004), Singer and Digilio (1952).

Rhodocybe mycenoides Singer, *Lilloa* **25**: 423, 1952 [1951].
Dist: T
Ref: Raithelhuber (1987, 1991, 2004), Singer and Digilio (1952).

Rhodocybe naucoria Singer, *Lilloa* **25**: 425, 1952 [1951].
Dist: T
Ref: Raithelhuber (1987, 1991, 2004), Singer and Digilio (1952).

Rhodophyllus Quél. [= **Entoloma** (Fr.) P. Kumm.]

Rhodophyllus argentinensis (Speg.) Singer, *Lilloa* **23**: 228, 1950.

Bas: *Claudopus argentinensis* Speg., 1899.

Dist: BA

Ref: Farr (1973), Singer (1950), Spegazzini (1899b).

Rhodophyllus garibaldii E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 94, 1980 [1979].

= *Entoloma garibaldi* (E. Horak) E. Horak, 1978.

Dist: TF

Ref: Horak (1978, 1980), Raithelhuber (1987, 1991, 2004).

Rhodophyllus pampicola (Speg.) Singer, *Lilloa* **23**: 229, 1952 [1950].

Bas: *Naucoria pampicola* Speg., 1899 [1898].

Dist: BA

Ref: Farr (1973), Singer (1950), Spegazzini (1899a).

Rhodophyllus plectus E. Horak, *Fl. criptog. Tierra del Fuego* **11**(6): 88, 1980 [1979].

= *Entoloma plectum* E. Horak, 1978.

Dist: TF

Ref: Horak (1978, 1980), Raithelhuber (1987, 1991, 2004).

DISCUSSION AND CONCLUSION

This work completes the current knowledge of recorded species of Agaricales from Argentina. We believed that it is an important baseline of knowledge that will have to be perfected and polished. There are still some taxonomic difficulties to be considered and that a specialist in each of the genera above-mentioned will have to deal with; for example, transferring some species to another genus, moving some varieties to specific level, evaluating the state of conservation of the collections and verify the correct taxonomic determination, which escape the goals of the work presented herein.

The number of species recorded in this work was 240 from the family *Cortinariaceae* and 74 from

Entolomataceae. The former is the second largest family of Agaricales recorded in Argentina. The first one being *Tricholomataceae* with 709 species (Niveiro and Albertó 2012d) and the third one *Agaricaceae* with 171 species (Niveiro and Albertó 2013a).

The genus *Cortinarius*, with 239 species described for Argentina, is the genus with the largest number of species in the country which is not surprising considering that this genus is also the most diverse of the Agaricales worldwide with about 2000 species (Kirk *et al.* 2008). Despite its high diversity, most of the species were only found in the Andinopatagonic forests (Moser and Horak 1975) having few species distributed in the montane forests of Northwestern part of Argentina (Moser 2001). At present,

Cortinarius includes other traditional genera such as *Cuphocybe*, *Rozites*, *Rapacea* and the sequestrate genera *Thaxterogaster*, *Protoglossum*, *Quadrispora* and *Hymenogaster* p.p. (Niskanen 2008); however, in this paper we have not included the latter since these genera were considered *Gasteromycetes sensu* Singer (1986), although there are several species of sequestrate agarics that have been described for Argentina (Horak 1980).



FIGURE 1. *Cortinarius magellanicus* Speg. Specimens growing under *Nothofagus* forest. Scale bar = 1 cm.



FIGURE 2. *Cortinarius parabibulus* M.M. Moser. Scale bar = 1 cm.



FIGURE 3. *Galerina physospora* Singer. Scale bar = 1 cm.



FIGURE 4. *Hebeloma crustuliniforme* (Bull.) Quél. Specimens growing under *Pinus* forest. Scale bar = 1 cm.



FIGURE 5. *Inocybe napipes* J.E. Lange. Scale bar = 1 cm.



FIGURE 6. *Pouzarella sulcata* T. J. Baroni, Albertó, Niveiro and B. E. Lechner. Scale bar = 1 cm.



FIGURE 7. *Pseudogymnopilus pampeanus* (Speg.) Raithelh. Specimens growing under *Pinus* sp. Scale bar = 10 cm.

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